

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Joseph Phillip Bigus et al.	:	Date: November 13, 2003
Group Art Unit:	Unassigned	:	IBM Corporation
Examiner:	Unassigned	:	Intellectual Property Law
Serial No.:	Unassigned	:	Dept. 917, Bldg. 006-1
Filed:	Herewith	:	3605 Highway 52 North
Title:	METHOD, APPARATUS, AND PROGRAM PRODUCT FOR MATCHING MULTIVARIATE DATA TO FUZZY SETS	:	Rochester, MN 55901-7829

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO/SB/08A be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. §1.97. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. §1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. §1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with

Serial No. Unassigned
Docket No. ROC920020170US1

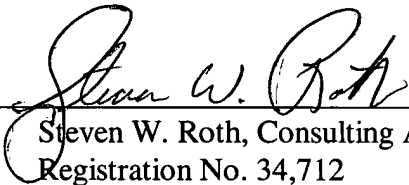
PATENT

37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(b)(1) within three months of the filing date of the present application. Accordingly no filing fee is required.

Date: November 13, 2003

Respectfully submitted,

By 
Steven W. Roth, Consulting Attorney
Registration No. 34,712

Telephone: (507) 253-1600
Fax: (507) 253-2382

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 2

Application Number.: Unassigned
 Filing Date: Herewith
 First Named Inventor: Bigus et al.
 Art Unit: Unassigned
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920020170US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	<u>Document Number</u> Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
		US - 3,933,028	01-20-1976	Laud et al.	
		US - 5,518,603	05-21-1996	Furuhashi et al.	
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	<u>Foreign Patent Document</u> Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

Application Number.: Unassigned
 Filing Date: Herewith
 First Named Inventor: Bigus et al.
 Art Unit: Unassigned
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920020170US1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T ²
		"Editorial - Fuzzy Models -- What Are They, and Why?" IEEE Transactions on Fuzzy Systems, Vol. 1, No. 1, February 1993.	
		MALLOUCHE et al., "Probabilistic Model of Multiple Dynamic Curve Matching for Semitransparent Scene of Nonrigid Objects," Biomedical Engineering Institute, Ecole Polytechnique of Montreal, Canada.	
		GE et al., "Deformable Markov Model Templates for Time-Series Pattern Matching," Information and Computer Science, Irvine, California.	
		AL-KHAIYAT et al., "Planar Curve Representation and Matching," University of Texas at Arlington, Arlington, Texas.	
		BIGUS et al., "Constructing Intelligent Agents Using Java," Second Edition, John Wiley & Sons, Inc, 2001.	
		COX, "The Fuzzy Systems Handbook: A Practitioner's Guide to Building, Using, and Maintaining Fuzzy Systems," Academic Press, Inc, 1994.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² Applicant is to place a check mark here if English language translation is attached.